

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/CH2004/000026

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 D06F59/02 D06F58/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 D06F A47L A47G A47B A63B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/222038 A1 (COLLIER JAMES P) 4 December 2003 (2003-12-04) the whole document -----	1-4, 9
X	US 3 798 788 A (KUNTZ D) 26 March 1974 (1974-03-26) figures 1-4, 8, 9 -----	1, 11
A	US 5 862 606 A (JANNACH HELMUT) 26 January 1999 (1999-01-26) the whole document -----	2, 11

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

9 August 2004

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2003222038	A1	04-12-2003	CA	2430550 A1	30-11-2003
US 3798788	A	26-03-1974	NONE		
US 5862606	A	26-01-1999	AT	784 U1	28-05-1996
			WO	9610670 A1	11-04-1996
			AT	184665 T	15-10-1999
			AU	714989 B2	13-01-2000
			AU	3514195 A	26-04-1996
			CA	2201600 A1	11-04-1996
			CZ	9701019 A3	13-08-1997
			DE	59506851 D1	21-10-1999
			DK	784719 T3	03-04-2000
			EP	0784719 A1	23-07-1997
			ES	2139936 T3	16-02-2000
			FI	971379 A	03-04-1997
			HU	77252 A2	02-03-1998
			JP	10506548 T	30-06-1998
			NO	971569 A	03-06-1997
			NZ	292844 A	25-02-1999
			PL	319456 A1	04-08-1997
			SI	784719 T1	30-04-2000
			SK	42697 A3	08-10-1997